ABSTRACT OF THE DISCLOSURE

A resynchronization device for an Ethernet network device with a transmitter and a receiver includes a detector that detects faulty code groups received by the receiver. A counter counts the faulty code groups that are detected by the false carrier detector during a predetermined period. A resynchronization trigger asserts a resynchronization signal if the counter exceeds a predetermined threshold during the predetermined period. The faulty code groups include false carriers, which include non-idle code groups other than frame delimiters. Alternately, the faulty code groups include idle code groups that match idle code groups generated by the transmitter of the local network device.